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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/840,026	05/05/2004	Kenneth Rambo	020366-091910US	7767
84190 7590 02/14/2011 Qwest Communications International Inc. 1801 California St., #900 Denver, CO 80202				
EXAMINER				
HICKS, CHARLES N				
ART UNIT		PAPER NUMBER		
2424				
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02/14/2011		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/840,026

Applicant(s)

RAMBO, KENNETH

Examiner

CHARLES N. HICKS

Art Unit

2424

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 December 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 19, 25-27 and 30-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 19, 25-27 and 30-36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 May 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-946)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 1/7/2011.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 19, 25-27 and 30-36 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

4. Claims 19, 25-27, and 30-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over McKissick (US 2007/0124795 A1), hereinafter referred to as McKissick, in view of Houghton (US 2002/0124247 A1), hereinafter referred to as Houghton, in view of Markman (US 2003/0122966 A1), hereinafter referred to as Markman.

5. Regarding claim 30, McKissick discloses a communications network having a plurality of interconnected instant messaging (IM) users, comprising:

a set top box for each of the users, wherein the set top box for each user executes an IM application and receives a broadcast television program as a digital signal stream comprising a program ID identifying the television program, wherein the set top box captures the program ID from the digital video stream (**fig. 1-4, pg.6-7, paragraphs 82-84, pg. 10, paragraph 108** *wherein embedded information in the VBI may be extracted by the digital set top box*);

a user interface associated with each user, including a display device and plural display windows at the display device, the plural windows for simultaneously displaying multiple content, wherein a first display window is for displaying a broadcast television program for that user, wherein a second display window is for displaying IM content including IM messages created by the IM users, and wherein at least some of the IM content includes a program ID identifying the television program being displayed to users creating the IM messages (**fig. 4, pg. 6, paragraphs 80-81, pg. 12, paragraph 130** *wherein the program is identified by the title, also figure 13 shows ID is used to populate the EPG*);

and an IM server operated by an IM service provider for receiving, displaying and sending IM messages among the users, the IM server also managing personal profile data entered by the users (**fig. 2, pg 5-6, paragraph 75**).

However McKissick is silent regarding a survey database connected to the IM server for receiving and storing data relating to the displayed IM messages and a separate survey server. Houghton discloses a survey database connected to the IM server for receiving and storing data relating to the displayed IM messages (**fig. 6, pg. 8, paragraph 80-81**);

and a survey server separate from the IM server for receiving from the survey database data relating to IM messages displayed at the user interface, for aggregating IM content, including program IDs and keywords present in the displayed IM messages, and personal profile data of the users associated with the displayed IM messages, and for generating reports using the aggregated IM content and the personal profile data so that video programming activity by multiple users, including how the video programming is affecting telephone and instant messaging activity among the multiple users, may be tracked at the survey server (**fig. 6, pg. 7, paragraphs 70-73, pg. 8, paragraph 80-81**). Motivation to combine the references is due to the fact that the references deal with distributing instant messaging in a network and storing user profiles. Therefore the invention would have been obvious to one of ordinary skill in the art at the time of the invention.

However McKissick and Houghton are silent in regards to disclosing the set top box is configured to providing voice calling services for that user. Markman discloses wherein the set top box is configured to providing voice calling services for that user (**fig. 3-4, pg. 4, paragraph 65**). All of the elements are known and could be combined by known software and hardware techniques to produce a predictable result wherein

the set top box provides the user with telephone capability from the set top box.

Therefore the invention would have been obvious to one of ordinary skill in the art at the time of the invention.

6. Regarding claim 19, McKissick discloses the display system wherein the instant messaging content further comprises: a personal ID associated with a user of the IM application (**fig. 5-6, pg. 7, paragraphs 87-89**).

7. Regarding claim 26, McKissick discloses the display system wherein the television program is provided to the display system by a satellite television service (**fig. 1, pg. 3, paragraph 52**).

8. Regarding claim 27, McKissick discloses the display system wherein the television program is provided to the display system by a cable television service (**fig. 1, pg. 3, paragraph 52**).

9. Regarding claim 31, McKissick discloses the communications network wherein the user interface further comprises a set top box for providing video signals to the display device (**fig. 1A-B, pg. 5, paragraphs 69-70**).

10. Regarding claim 32, McKissick discloses the communications network wherein the display device comprises a television (**fig. 1A-B, pg. 5, paragraphs 69-70**).

11. Regarding claim 33, McKissick discloses the communications network wherein the IM content further comprises a text message (**fig. 4, pg. 7, paragraph 84**).

12. Regarding claim 34, McKissick discloses the communications network wherein the program ID identifying the broadcast television program being viewed by each user changes when the television program being viewed by that user changes (**fig. 4, pg. 12, paragraphs 130-131**).

13. Regarding claim 35, McKissick discloses the communications network wherein the display device further includes a set up screen used by each of the users to set up an instant messaging session, and wherein the program ID is entered by the user at the set up screen (**fig. 1A-D, pg. 4-5, paragraphs 66-67**).

14. Regarding claim 36, McKissick discloses the communications network wherein the personal profile data of the users is entered at a profile screen, so that the programming activity being tracked can be associated with demographic information of users collected from the personal profile data (**fig. 6A, pg. 7, paragraph 88**).

15. Regarding claim 25, McKissick fails to disclose the display system wherein the television program is provided to the display system by a VDSL service. However Official Notice is taken due to the fact that a display system wherein the television

program is provided to the display system by a VDSL service is extremely well know in the art of interactive video distribution systems and provides excellent bandwidth.

Conclusion

16. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHARLES N. HICKS whose telephone number is (571)270-3010. The examiner can normally be reached on M-F 7:30AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on 571-272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Chris Kelley/
Supervisory Patent Examiner, Art
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CNH